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#### ABSTRACT OF THE DISCLOSURE

A plug detection circuit. The detected circuit is disposed in an electronics device with an earphone jack, accepting plugs with a plurality of conductive rings. 5 The detection circuit has a plurality of pins, wherein a first pin detects, and outputs a first logic potential, and a second pin detects the potentials at the conductive rings and outputs a second logic potential. The detection circuit determines the type of earphone 10 connected to the earphone jack.